IN THE ABSTRACT OF THE DISCLOSURE:

Please replace the Abstract of the Disclosure with the rewritten Abstract of the Disclosure located below or attached on a separate sheet attached hereto:

IN THE SPECIFICATION:

Please replace the entire Specification (but not the original drawings) with the enclosed substitute Specification filed under 37 CFR 1.125(a). The enclosed substitute Specification is simply a more clear copy of the text, and contains no new matter.

Please replace lines 23 and 24 on page 3 with the following:

--preferably is of plant origin. Particularly preferred the sequence described in (b) encodes a sucrose--

Please replace lines 1-14 on page 11 with the following:

--**Figure 5** Schematically shows the cloning strategy of ΔPMA1.

Figure 5A The H^+-ATPase ΔPMA1, which was truncated at the 3' end, was amplified via PCR with the ΔPMA1 cDNA as the matrix and complementary internal primers.

Figure 5B The flanking cleavage sites of the PCR product were introduced via the correspondingly synthesized primers.

Figure 5C Pst1/Not1 digestion of the fragment shown in Figure 5B and cloning of the PCR fragment into the *E. coli* vector SK- via Pst1/Not1 cleavage sites.

Figure 5D Bcl1/Spe1 digestion of the plasmid SK-ΔPMA1 as shown in Figure 5C and cloning of the fragment into the compatible BamHI/XbaI cleavage sites of pBinRolC.--

Please replace lines 22-28 on page 11 and lines 1-6 on page 12 with the following:

--**Figure 8A** The H^+-ATPase ΔPHA2, which was truncated at the 3' end, was amplified via PCR with the PHA2 cDNA as the matrix and complementary internal primers.

Figure 8B The flanking cleavage sites of the PCR product were introduced via the correspondingly synthesized primers.

Figure 8C Pst1/EcoRI digestion and cloning of the PCR fragment as shown in Figure 8B into the *E. coli* vector SK- via Pst1/EcoRI cleavage sites.